

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MAXIM.078A	APPLICATION NO. 09/616,622
O I P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		RECEIVED AUG 17 2001
APPLICANT Hellstrand et al.		
FILING DATE 07/14/00		GROUP 1644-1644 TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EXAMINER _____ **OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

5 Gerami-Nejad et al. (1981) Aspects of the antibacterial action of diphenyliodonium chloride. *Microbios*. 30:97-107.

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EXAMINER <u>Ewalt</u>	DATE CONSIDERED <u>11/14/01</u>
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(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE July 14, 2000	GROUP 4614 1644

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>52</i> 1	5,348,739	09/20/94					

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
	2	Alderson et al. (1995) Fas ligand mediates activation-induced cell death in human T lymphocytes. J.Exp.Med. 181:71-77.					
	3	Allen et al. (1997) Morphological and biochemical characterization and analysis of apoptosis. JPM. 37:4:215-228					
	4	Armstrong et al. (1998) Tumor antigen presentation: changing the rules. Cancer Immunol Immunother. 46:70-74					
	5	Barna et al. (1983) Tumor-Enhancing effects of cimetidine. Oncology. 40:43-45.					
	6	Bauer et al. (1998) Role of reactive oxygen intermediates in activation-induced CD95 (APO-1/Fas) ligand expression. J.Bio.Chem. 273:14:8048-8055.					
	7	Barhoumi et al. (1993) concurrent analysis of intracellular glutathione content and gap junctional intercellular communication. Cytometry. 14:747-756.					
	8	Becker et al. (1996) T Cell-mediated eradication of murine metastatic melanoma induced by targeted interleukin 2 therapy. J.Exp.Med. 183:2361-66.					
	9	Beggins et al. (1998) Variable expression of CD3-zeta and associated protein tyrosine kinases in lymphocytes from patients with myeloid malignancies. British J. of Haematology. 100:784-792.					
	10	Bottazzi et al. (1992) Monocyte chemotactic cytokine gene transfer modulates macrophage infiltration, growth, and susceptibility of IL-2 therapy of a murine melanoma ¹ . J.of Immuno. 148:1280-1285.					
	11	Brunda et al. (1987) In vivo anti-tumor activity of combinations of interferon alpha and interleukin-2 in a murine model. Correlation of efficacy with the induction of cytotoxic cells resembling nature killer cells. Int.J.Cancer. 40:365-371.					
	12	Brune et al. (1996) Remission maintenance therapy with histamine and interleukin-2 in acute myelogenous leukaemia. British J. of Haematology. 92:620-626.					
	13	Birtin et al. (1981) The influence of intraperitoneal injections of histamine on tumour growth in fibrosarcoma-bearing mice. Cancer letters. 12:195-201.					
	14	Buttke et al. (1994) Oxidative stress as a mediator of apoptosis. Immunology Today. 15:1:7-10.					
	15	Cao et al. (1998) Interleukin 15 protects against toxicity and potentiates antitumor activity of 5-fluorouracil alone and in combination with leucovorin in rats bearing colorectal cancer. Cancer Reserach. 58:1695-1699.					
	16	Dohilsten et al. (1986) Synergistic action of gamma interferon and catalase to reverse the suppressive effect of peritoneal macrophages on concanavalin A-induced lymphocyte proliferation. Scand.J.Immunol. 24:49-58.					
	17	Dröge et al. (1994) Functions of glutathione and glutathione disulfide in immunology and immunopathology. The FASEB Journal. 8:1131-1138.					
	18	Dumont et al. (1999) Hydrogen peroxide-induced apoptosis is CD95-independent, requires the release of mitochondria-derived reactive oxygen species and the activation of NF- κ B. Oncogene. 18:747-757.					
<i>52</i> 10	19	Dutcher et al. (1989) A phase II study of interleukin-2 and lymphokine-activated killer cells in patients with metastatic malignant melanoma. J.of clin.Onco. 7:4:477-485.					

EXAMINER <i>Elmer</i>	DATE CONSIDERED <i>11/14/01</i>
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		FILING DATE July 14, 2000	GROUP 1641

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
582	20 Fao et al. (1991) Treatment of acute myeloid leukaemia patients with recombinant interleukin 2: a pilot study. British J. of Haematology. 77:491-496.
	21 Hansson et al. (1996) Induction of apoptosis in NK cells by monocyte-derived reactive oxygen metabolites. J. of Immuno. 42:47.
	22 Hawkins, M.J. (1993) Interleukin-2 antitumor and effector cell responses. Seminars in Oncology. 20:6:52-59.
	23 Hellstrand et al. (1986) Histamine h2-receptor-mediated regulation of human natural killer cell activity. J.of Immuno. 137:2:656-660.
	24 Hellstrand et al. (1990) Synergistic activation of human natural killer cell cytotoxicity by histamine and interleukin-2. Int.Arch.Allergy App. Immuno. 92:379-389.
	25 Hellstrand et al. (1990) Role of histamine in natural killer cell-mediated resistance against tumor cells. J.of Immuno. 145:4365-4370.
	26 Hellstrand et al. (1991) Monocyte-induced down-modulation of CD16 and CD56 antigens on human natural killer cells and its regulation by histamine H2-receptors. Cellular Immuno. 138:44-54.
	27 Hellstrand et al. (1994) Histaminergic regulation of antibody-dependent cellular cytotoxicity of granulocytes, monocytes, and natural killer cells. J. of Leukocyte Biology. 55:392-397.
	28 Hellstrand et al. (1994) Histaminergic regulation of NK cells. J. of Immuno. 153:4940-4947.
	29 Hellstrand et al. (1994) Histamine in immunotherapy of advanced melanoma: a pilot study. Cancer Immuno.Immunother. 39:416-419.
	30 Hellstrand et al. (1995) Role of histamine in natural killer cell-dependent protection against herpes simplex virus type 2 infection in mice. Clin.Diagn.Lab.Immunol. 2:3:277-280.
	31 Hellstrand et al. (1997) Histamine and interleukin-2 in acute myelogenous leukemia. Leukemia and Lymphoma. 27:429-438.
	32 Johansson et al. (1998) The response of dunning R3327 prostatic adenocarcinoma to IL-2, histamine and radiation. British J. of Cancer. 77:8:1213-1219.
	33 Klebanoff, S.J. hydrogen-dependent cytotoxic mechanisms of phagocytes. Advances in Host Defense Mechanisms. 1:111-162.
	34 Kono et al. (1996) Hydrogen peroxide secreted by tumor-derived macrophages down-modulates signal-transducing zeta molecules and inhibits tumor-specific T cell-and natural killer cell-mediated cytotoxicity. Eur.J.Immunol. 26:1308-1313.
	35 Lanier et al. (1988) Interleukin 2 activation of natural killer cells rapidly induces the expression and phosphorylation of the leu-23 activation antigen. J.Exp.Med. 167:1572-1585.
	36 Linden et al. (1987) Catalase and lipopolysaccharide enhance proliferation in the rat mixed lymphocyte reaction. Scand.J.Immunol. 26:223-228.
	37 Lundqvist et al. (1996) Isoluminol-enhanced chemiluminescence: a sensitive method to study the release of superoxide anion from human neutrophils. Free Radical Biology & Medicine. 20:6:785-792.
	38 Mantovani et al. (1992) The origin and function of tumor-associated macrophages. Immunology Today. 13:7:265-270.
	39 Matsuda et al. (1995) Alterations in the signal-transducing molecules of T cells and NK cells in colorectal tumor-infiltrating, gut mucosal and peripheral lymphocytes: correlation with the stage of the disease. Int.J.Cancer. 61: 765-772.
	40 Medvedev et al. (1997) Regulation of fas and fas-ligand expression in NK cells by cytokines and the involvement of fas-ligand in NK/LAK cell-mediated cytotoxicity. Cytokine. 9:6:394-404.
	41 Miesel et al. (1996) Suppression of inflammatory arthritis by simultaneous inhibition of nitric oxide synthase and nadph oxidase. Free Radical Biology & Medicine. 20:1:75-81.
	42 Mizoguchi et al. (1992) Alterations in signal transduction molecules in T lymphocytes from tumor-bearing mice. Science. 258:1795-1798.
	43 Motzer et al. (1998) Phase I trial of subcutaneous recombinant human interleukin-12 in patients with advanced renal cell carcinoma. Clinical Cancer Research. 4:1183-1191.
	44 Nordlund et al. (1983) The effect of histamine, antihistamines, and a mast cell stabilizer on the growth of claudman melanoma cells in DBA/2 mice. J. of Investigative Dermatology. 81:1:28-31.
	45 Osband et al. (1981) Successful tumour immunotherapy with cimetidine in mice. The Lancet. 636-638.
9542	46 Otsuji et al. (1996) Oxidative stress by tumor-derived macrophages suppresses the expression of CD3 ζ chain of T-cell receptor complex and antigen-specific T-cell responses. Proc.Natl.Acad.Sci. 93:13119-13124.

EXAMINER <i>Eurd</i>	DATE CONSIDERED <i>11/14/07</i>
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47	Plaut et al. (1982) Histamine and immune responses. Pharmacology of Histamine Receptors. 392-435.
48	Rabinowich et al. (1996) Expression and activity of signaling molecules in T lymphocytes obtained from patients with metastatic melanoma before and after interleukin 2 therapy. Clinical Cancer Research. 2:1263-1274.
49	Rosenberg et al. (1987) A progress report on the treatment of 157 patients with advanced cancer using lymphokine-activated killer cells and interleukin-2 or high-dose interleukin-2 alone. New England Journal of Medicine. 316:15:889-897.
50	Rosenberg, S.A. (1988) The development of new immunotherapies for the treatment of cancer using interleukin-2. Ann.Surg. 208:2:121-135.
51	Slater et al. (1995) Signalling mechanisms and oxidative stress in apoptosis. Toxicology Letters. 149-153.
52	Smith, K.A. (1988) Interleukin-2: inception, impact, and implications. Science. 240:1169-1176.
53	Smith, K.A. (1988) Interleukin 2. Academic Press, Inc. ISBN 0-12-651420-8. 9 pps.
54	Trinchieri, G. (1989) Biology of natural killer cells. Advances in Immunology. 47:187-376.
55	Triozzi et al. (1995) Phase I trial of escalating doses of interleukin-1 β in combination with a fixed dose of interleukin-2. Journal of clinical oncology. 13:2:482-489.
56	Whiteside et al. (1993) Natural killer cells and tumor therapy. Curr.Top.Microbiol.Immunol. 230:221-244.
57	Whiteside, T.L. (1998) Immune cells in the tumor microenvironment. Adv.Exp.Mod.Biol. 451:167-171.
58	Yasaka et al. (1981) Functions of human monocyte and lymphocyte subsets obtained by countercurrent centrifugal elutriation: differing functional capacities of human monocyte subsets. J. of Immunol. 127:1515-1518.
59	Yim et al. (1994) Use of N-acetyl cysteine to increase intracellular glutathione during the induction of antitumor responses by IL-2 γ . J.Immunol. 152:5796-5805.
60	Zea et al. (1995) Alterations in T cell receptor and signal transduction molecules in melanoma patients ¹ . Clin.Cancer Res. 1:1327-1335.

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